

Title (en)
METHOD FOR RENDERING THE MEMBRANES OF BIOLOGICAL CELLS PERVIOUS BY USING A PULSED ELECTRIC FIELD

Title (de)
VERFAHREN ZUM DURCHLÄSSIGMACHEN DER MEMBRANEN VON BIOLOGISCHEN ZELLEN DURCH VERWENDUNG EINES GEPULSTEN ELEKTRISCHEN FELD

Title (fr)
PROCEDE DE PERMEABILISATION MEMBRANAIRE DE CELLULES BIOLOGIQUES PAR L'UTILISATION D'UN CHAMP ELECTRIQUE PULSE

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Abstract (en)
[origin: WO2010115875A1] The invention relates to a method for rendering the membranes of biological cells in a product pervious, said method being implemented in a treatment device including at least one treatment chamber emitting a pulsed electric field, said method including the following steps: a step of supplying the treatment device with a product including said biological cells at a predetermined supply rate; a step of inserting the product including said biological cells into said treatment chamber at an insertion rate matching the aforementioned supply rate to which the withdrawal rate mentioned in the withdrawing step below is added; a step of treating said product inserted into said chamber by a pulsed electric field; a step of withdrawing, at a predetermined withdrawal rate, the product at the outlet of said chamber so as to carry said product back upstream from said chamber.

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